

## ABSTRACT

A rotatable rotor for separating components contained in a fluid, comprising an annular base having a first annular channel and an annular cover having a second annular channel for holding a flexible doughnut-shaped centrifuge bag therebetween. The cover has one or more radially spaced apart concentric indicator lines for monitoring the separation of the components. When the base and cover are superimposed, the first and second channels define an annular interior chamber having an off-centered figure eight configuration. The base and cover each comprise a grooved column axially centered and extending from the base top surface and the cover bottom surface, respectively. The flexible bag comprises inner and outer tubes extending from the core of the bag and which are seated in the column grooves to ensure that the bag is fixably rotatable with the rotor.